



TV / VIDEOTEX COMMUNICATION



PHILIPS

OPERATING INSTRUCTIONS PHILIPS 14PV162

ENGLISH

Congratulations! You are now the owner of one of the most sophisticated and simple-to-use TV set/ video recorder combinations (TV Combi) on the market. With this TV Combi you can watch TV, as well as record and play VHS-standard cassettes.

Naturally, you can't wait to use your it. But before you do, it's worthwhile taking the time to read through the whole of this operating manual. It will show you how to make the best use of your equipment.

You can practise using the set without any worries because, no matter which buttons you press, you cannot damage it.



Safety instructions

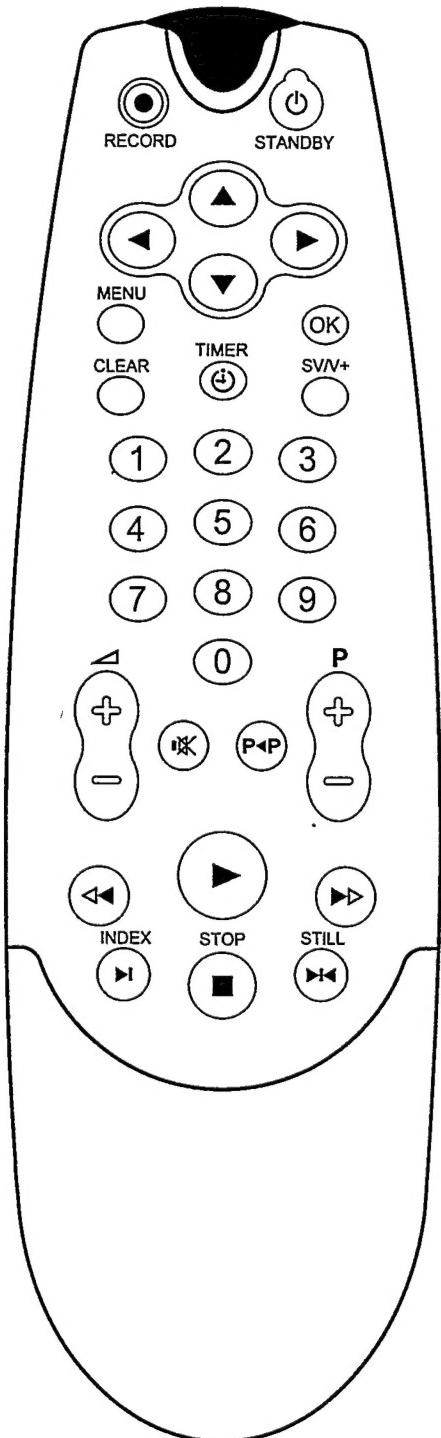
- Danger - high voltage in this appliance! Do not open! The set does not contain any parts that can be repaired by the user. As long as the set is connected to the mains there are parts of it still in operation. To switch off the set completely you must disconnect it from the mains.
- Please note that this equipment is designed for use with a 220-240 volts/50 Hz power supply.
- Ensure that air can circulate freely through the ventilation slots of the set. Do not place the set on soft surfaces.
- Do not place the set close to a source of heat (radiator etc).
- Ensure that no objects or liquids enter the set. If liquid is spilt into it, disconnect the set immediately from the mains and call the After-Sales Service for advice.

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1. SUMMARY OF BUTTONS AND CONTROLS

You will find detailed descriptions of the various functions in the relevant chapters.

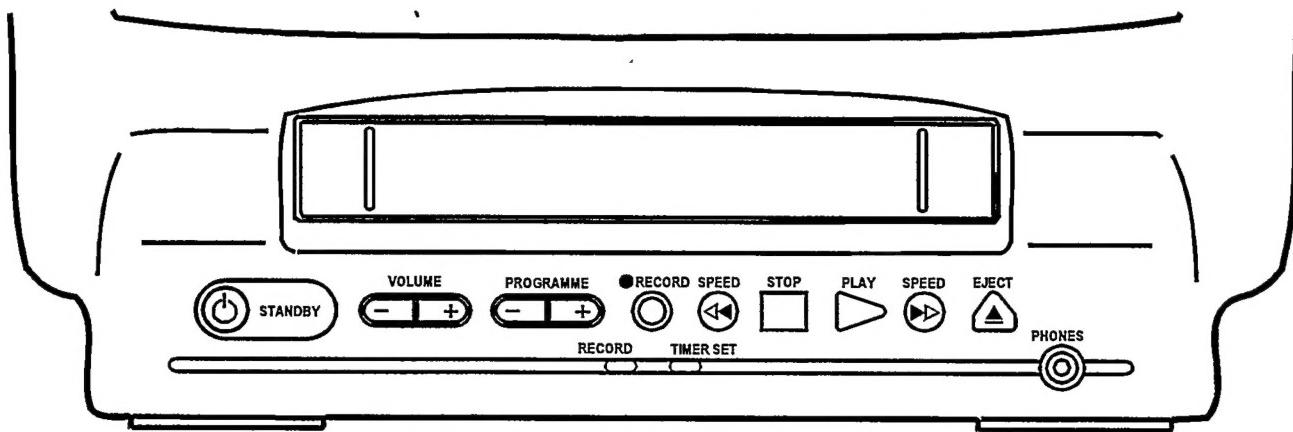
The remote control



- RECORD Record
- STANDBY Standby switch
- ◀ Menu left
- ▶ Menu right
- ▲ menu Up
- ▼ menu Down
- [MENU] Call menu
- [OK] Confirm button
- [CLEAR] Reset/clear
- [TIMER] TIMER programming on the set
- [SV/V+] 'VIDEOPlus+' programming
- 0-9 Digit buttons 0-9
- +/− Volume control
- * Mute sound
- P◀ Previous programme
- P+/- Programme number Plus/Minus
- ◀◀ Rewind/Reverse scanning
- ▶ Playback
- ▶▶ Forward wind/ Forward scanning
- INDEX▶ Index search
- STOP■ Pause/Stop
- STILL▶◀ Still picture

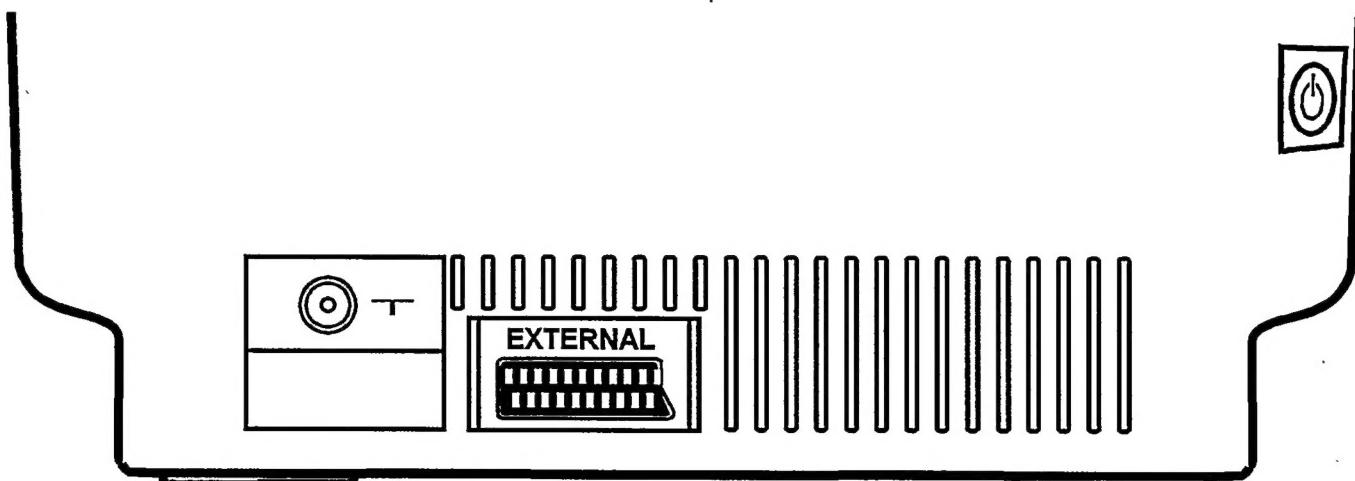
Front of the set

STANDBY	Standby switch	STOP	Pause/Stop
PROGRAMME+/-	Programme number Plus/Minus	PLAY	Playback
VOLUME+/-	Volume control	SPEED►►	Forward wind/ Forward scanning
RECORD	Record	EJECT▲	Cassette eject
SPEED◀◀	Rewind/Reverse scanning	PHONES	Headphones socket



Back of the set

Aerial input socket	Power switch
EXTERNAL Scart (AV-Euro) socket	



2. INSTALLATION. HOW DO I INSTALL THE TV COMBI?

Important for the United Kingdom

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- ① Remove fuse cover and fuse.
- ② Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
- ③ Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 3A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

Note: * The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

How to connect a plug:

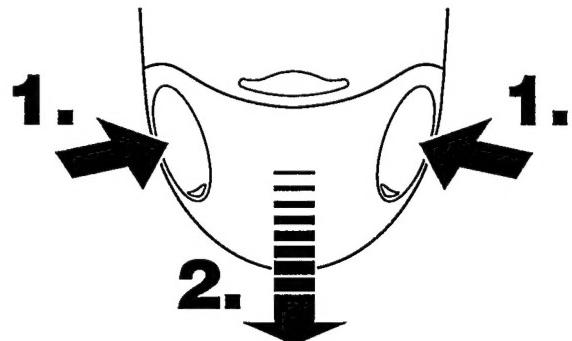
The wires in the mains lead are coloured in accordance with the following code:

BLUE - 'NEUTRAL' ('N')
BROWN - 'LIVE' ('L')

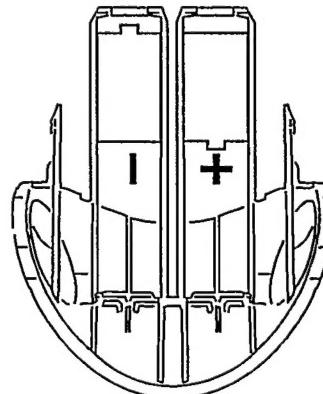
- ① The BLUE wire must be connected to the terminal which is marked with the letter 'N' or coloured BLACK.
- ② The BROWN wire must be connected to the terminal which is marked with the letter 'L' or coloured RED.
- ③ Do not connect either wires to the earth terminal in the plug which is marked with the letter 'E' or by the safety earth symbol  or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

How to insert the batteries into the remote control



- ① Remove the battery compartment from the back of the remote control. To do this, press the marked spots at the sides together (1) and, simultaneously, slide it down (2).
- ② Insert the batteries as indicated into the battery compartment.



- ③ Close the battery compartment, by sliding it onto the remote control, until you hear a 'click'.

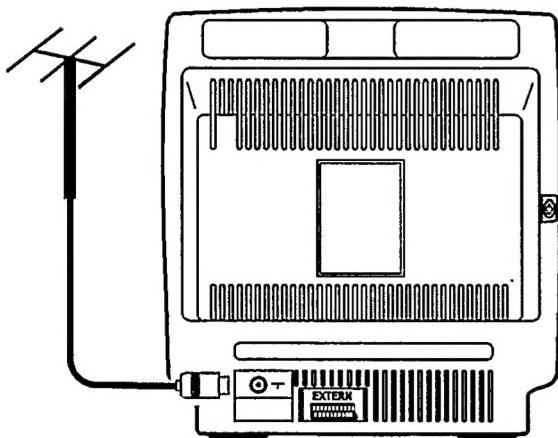
Note:

* For the remote control to function properly, you must always point it directly at the set.

Connecting to the aerial

You can use the auxiliary aerial supplied or connect the set to your aerial installation.

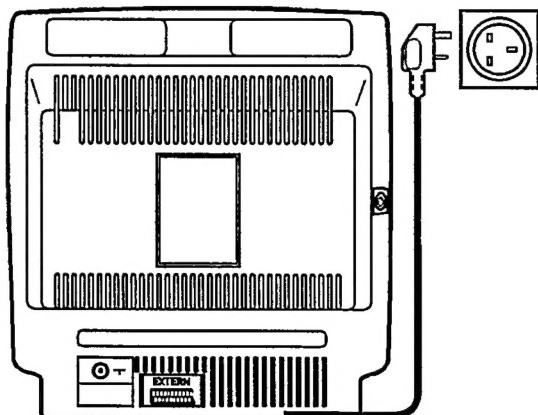
- 1 Insert the aerial plug into the  socket.



- 2 If you use the auxiliary aerial supplied, push the aerial into the mounting on the back panel until it snaps into place. Pull out the telescopic rod(s) as far as required. Tilt and rotate the aerial until you have got the best picture quality. Rotate the aerial until you have got the best picture quality.

Connecting to the mains power supply

- 1 Insert the plug of the mains cable into the wall socket.



- 2 Switch the set on. The power switch  is located on the left side panel of the set.

Note:

* We advise you, from now on, to switch the set to standby using the  STANDBY button on the front of the set or on the remote control. When the set is in the standby mode, a small red lamp on the left of the front of the set will be alight.

You can switch on with  STOP ■, the digit buttons  0-9 or by inserting a cassette.

Attention: When you use the power switch  on the side panel, you have completely switched off the set from the mains power supply. No programmed recordings will then be made. The red lamp on the left of the front of the set will not be alight. After a few hours, the date and clock settings will be lost.

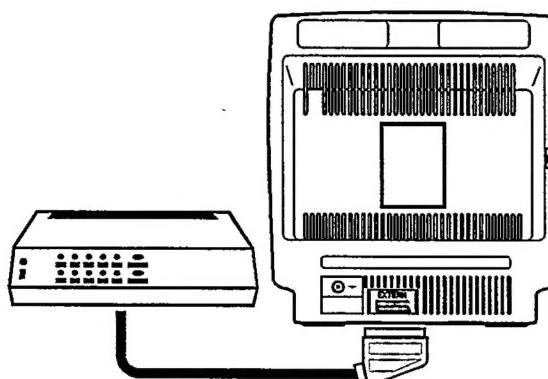
Attention: Before you switch off the appliance with the power switch  , remove the tape by pressing the  EJECT ▲ button.

* Keep your TV Combi connected to the mains and the power switch in 'on' position at all times to ensure that programmed recordings can be made and that the television functions. The power consumption required is low.

Connecting a decoder or other additional equipment

You can also connect additional equipment to the  EXTERNAL socket, for instance, a CD-Interactive (CD-i), satellite receiver or camcorder.

Some TV broadcasters transmit encoded television programmes which you can only see with a purchased or rented decoder. You can connect such a decoder (descrambler) to this set.



-
- 1** Connect the decoder to the set with a scart cable (**EXTERNAL** socket).

You will find a description of how to combine the storage of TV channels with the decoder in the chapter '**Storing TV channels**' in the section '**Manual channel search**'.

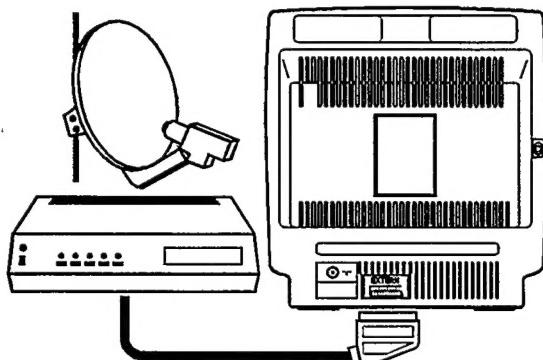
Note:

* On your TV Combi select the programme number that you allocated to the decoder function when storing the channel numbers. The TV Combi will then automatically use the decoder.

Connecting to a satellite receiver

You can also connect a satellite receiver to this set.

- 1** Connect the receiver with a scart cable to the TV Combi (socket **EXTERNAL**).



Emergency interrupt

Both the set and the remote control have an 'Emergency interrupt' button. You can use the **STANDBY** button to interrupt any function.

Whenever you have operating problems you can simply interrupt the function and start again.

You can practise operating your set without any worries. No matter which buttons you press, you cannot damage it.

Making standard settings

You can make various standard settings here, e.g. display language, country, frequency/channel number display.

- 1** In order to start, press the **STOP** button. Press the **◀** and **▶** menu buttons simultaneously.

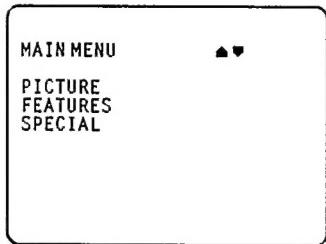


- 2** Choose the 'LANGUAGE' line using the **▲** or **▼** button.
- 3** Use the **◀** or **▶** menu button to select the required display language, e.g.: 'EN'.
- 4** Select the 'COUNTRY' line with the **▲** or **▼** button.
- 5** Select YOUR COUNTRY with the **◀** - or **▶** menu button, e.g. 'UK' .
- 6** Terminate by pressing the **MENU** button.

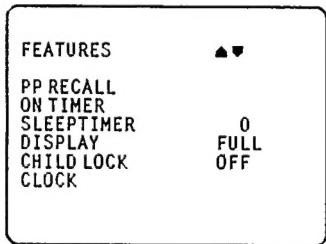
Setting the clock and date

In order to be able to programme recordings, you must first ensure that the clock on the set is correctly set.

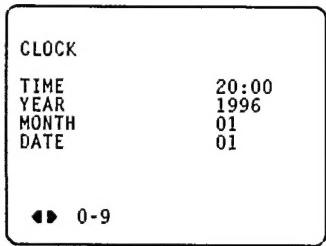
- 1 In order to start, press the **STOP ■** button.
- 2 Press the **MENU** button. The main menu appears on the TV screen.



- 3 Select the line 'FEATURES' with the **▲** and **▼** menu buttons. Confirm it with the **OK** button.



- 4 Select the line 'CLOCK' with the **▲** and **▼** buttons. Confirm it with the **OK** button.



- 5 Enter the time, year, month and date.
To do this, use the digit buttons **0-9** or the **◀** and **▶** buttons.
Select the input line with the **▲** and **▼** buttons.
- 6 Terminate with the **MENU** button.

3. STORING TV CHANNELS

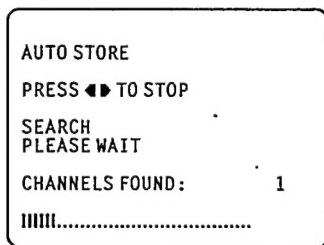
To be able to watch and record TV programmes you must first store all the TV channels (e.g.: 'BBC 1') in the set.

You can store up to 69 TV channels.

Automatic Channel Search

The set will search for all TV channels.

- ① Switch on the set with the **STOP** button.
- ② Press the **◀** and **▶** menu buttons on the remote control simultaneously. The installation menu appears on the screen.
- ③ Select the line 'AUTO STORE' with the **▲** and **▼** buttons. Confirm it with the **OK** button.
The 'Automatic Channel Search' function starts.



- ④ The TV channel search will take a few minutes to complete. Then all the TV channels will have been stored.
- ⑤ to end press the **MENU** button.

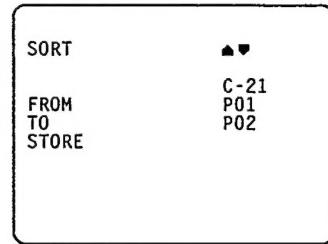
Note:

* If the 'Automatic channel search' function is activated, any previously programmed TIMER blocks will be cleared.

Allocating channel numbers (Programme Preset)

You can allocate any desired programme number to the TV channels stored by the 'Automatic Channel Search'.

- ① Switch on the set with the **STOP** button.
- ② Press the **◀** and **▶** menu buttons simultaneously. The installation menu appears on the screen.
- ③ Select the line 'SORT' with the **▲** and **▼** menu buttons. Confirm it with the **OK** button.
- ④ Select the line 'FROM' .

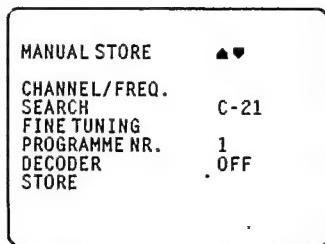


- ⑤ On the TV screen, use the **◀** and **▶** or the **0-9** buttons to select the TV channel to which you want to allocate a programme number, e.g.: 'P 01'.
- ⑥ Choose the 'TO' line.
- ⑦ Use the **◀** or **▶** button or the digit buttons **0-9** to select the required programme number, e.g.: '02'.
- ⑧ Choose the 'STORE' line. Confirm the allocation with the **OK** button.
The allocated TV channels will be exchanged.
- ⑨ Repeat steps ④ to ⑧ until you have allocated a programme number to all the required TV channels.
- ⑩ To finish, press the **MENU** button twice.

Manual channel search

In certain cases the Automatic Channel Search may not be able to find all of the TV channels (e.g. coded TV channels). You can then use this manual method to set the channels.

- 1 Switch on the set with the **STOP ■** button.
- 2 Press the **◀** and the **▶** menu buttons simultaneously. The installation menu appears on the screen.
- 3 Select the line 'MANUAL STORE' with the **▲** and **▼** menu buttons.
- 4 Confirm it with the **OK** button.



Note:

If you want to allocate a decoder, switch the decoder function on or off with the **◀** or **▶** button in the 'DECODER' line.

* If you want to change the automatic channel setting, select the 'FINE TUNING' line.

With the **◀** or **▶** button you can vary the automatic TV channel setting.

Important: This re-tuning is only necessary and useful in special cases, e.g. when there are stripes on the picture with cable-TV systems.

- 5 In the 'PROGRAMME NR.' line use the **P +/−** button to select the required programme number, e.g.: '01'.
- 6 Select the 'STORE' line and confirm with the **OK** button.
- 7 If you want to search for further TV channels, start again at step 5.
- 8 To finish, press the **MENU** button twice.

NOTE:

* With this set the reception of encoded TV programmes isn't possible with certain cable TV installations.

- 5 Select in the 'CHANNEL/FREQ.' line, using the **◀** and **▶** buttons, the required description (C-CH = Channel, FREQU = Frequency).
- 6 Select the 'SEARCH' line.
- 7 Press the **▶** button until you have found the right TV channel. A changing channel number will appear on the TV screen.
If you know the frequency number or channel number of a TV channel, you can also directly enter it with the digit buttons **0-9**.
You will find a 'Channel number/Frequency Table' on the last page of this Operating Manual.

4. THE TV SET FUNCTIONS

Selecting a TV channel

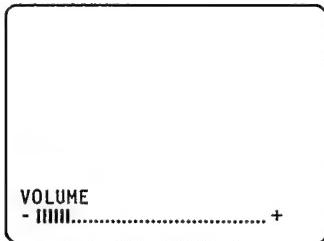
Select the required TV channel (= the programme number) with the buttons **P₊/-** or the digit numbers **0-9** on the remote control.

The selected programme number (e.g.: '1') appears in the upper right corner of the TV screen.

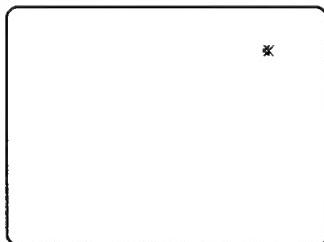
With the **P_{◀P}** button you can return to the previously chosen programme number and back. If this TV channel transmits a 'TV channel name' (e.g.: 'BBC 1'), you will see this displayed next to the programme number.

Volume control

You can control the volume level with the **V_{+/}-** button.



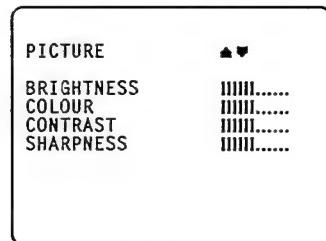
If you want to mute the sound temporarily (e.g.: during a telephone call), press the **MUTE** button on the remote control. When you press it again, the sound returns at the same volume level.



Picture control

You can control brightness, contrast, sharpness and colour here.

- 1 Press the **MENU** button. The main menu appears on the TV screen.
- 2 Select the line 'PICTURE' with the **▲** or the **▼** button and confirm with the **OK** button.



- 3 Select the required setting with the **▲** or the **▼** button. Change the setting with the **◀** or the **▶** button.
- 4 Press the **MENU** button.

Note:

* In addition, you can adjust the tint for the playback of cassettes in the NTSC standard.

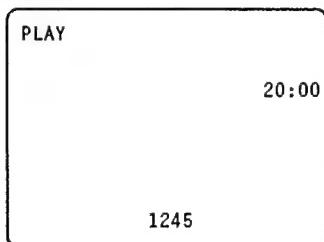
5. PLAYING A RECORDED CASSETTE

In Chapter 2 you connected the TV Combi. Playing a cassette is now very simple.

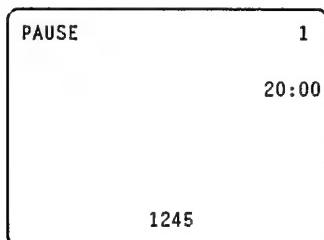
If you want to record something straight away, first read Chapter 6.

- 1 Switch on the set or insert a cassette into the cassette slot with the window facing upward.

- 2 Press the playback button.



- 3 If you wish to interrupt playback, press the STOP button.



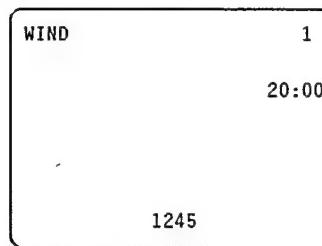
- 4 If you wish to remove the cassette, press the EJECT button on the set.

Note:

- * Some functions switch off automatically after a while (e.g.: Pause, Still Picture, Scanning). This helps to protect the cassette and prevent unnecessary power consumption.
- * With this set you can play back cassettes that have been recorded on other video recorders in the NTSC standard.
- * If you load a cassette with erase protection, the TV combi starts the playback automatically.
- * Remove the cassette before transporting the TV Combi.

Fast wind and rewind

- 1 Stop the tape. Press the (Rewind) or (Wind) button on your remote control. The tape is wound at high speed.

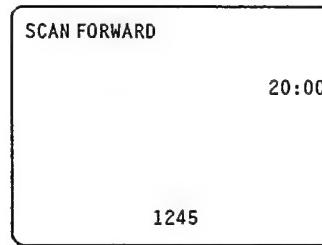


- 2 Press the playback button as soon as you have reached the required position on the tape.

Picture scanning

You can select from various speeds for scanning backwards or forwards.

- 1 Press the playback button.



- 2 Now press the or button as often as necessary until you have reached the desired speed.

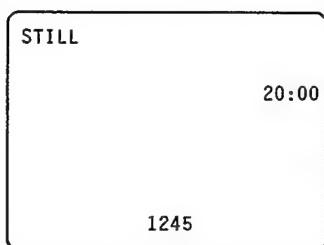
The TV screen will show e.g. 'SCAN FORWARD'.

Note:

- * The picture quality is affected during scanning. You will notice this particularly with long play (LP) recordings. The sound is turned off.

Still picture

- ① Press the **▶** playback button on the remote control.
- ② Press the **STILL ▶◀** button. The picture will stand still.
Interference stripes will appear at the edge of the picture.
Each time you press **STILL ▶◀** again the picture will move on one step.

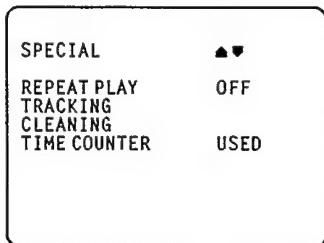


- ③ Press the **▶** button to continue playing back at the normal speed.

Continuous playback

You can continuously repeat the replay of a cassette. When the set recognizes that it has reached the end of the tape or a blank, unrecorded area lasting at least 30 seconds, it rewinds the tape to the start and begins again.

- ① Insert a cassette.
- ② Press the **MENU** button: The main menu appears on the TV screen.
- ③ Select the 'SPECIAL' line and confirm it with **OK**.



- ④ Select the 'REPEAT PLAY' line. Start the continuous playback with the **◀** or **▶** menu button.

- ⑤ Press the **MENU** button.
- ⑥ Start the continuous playback with the **▶** playback button.
- ⑦ If you want to cancel the function, stop the continuous playback with the **◀** or **▶** menu button in the 'REPEAT PLAY' line.

Tape position.

How do I know where I am on the tape?

If you press the **OK** button the tape position will be shown in the display as a continually changing numeric indication during Wind, Rewind, Record, Playback and Pause/Stop.

If you want to set the indicator to '0000', press the **CLEAR** button.

When you load a cassette again or rewind to the start of the tape, the indicator is automatically reset to '0000'.

Searching for a tape position

Sometimes you may have recorded two or more TV programmes on one cassette.

So that you do not have to spend time searching, your set offers you an automatic search facility.

Every time you start to record, this TV Combi marks the tape with a code mark. You can search for these code marks on the tape or unrecorded areas lasting at least 15 seconds using the **INDEX▶** button on your remote control.

- 1 Press the **INDEX▶** button.
- 2 Press the **SPEED▶** button to select the next code mark or unrecorded area or the **◀** button for the previous code mark or unrecorded area.
- 3 Once the TV Combi finds the code mark or unrecorded area it will automatically switch to playback.

Note:

- * When you press any tape transport button (e.g.: the **◀** or **▶** button) this search function will be stopped.
- * You cannot use this function with recordings made on another TV Combi that does not have this function.

4 Press the **◀** or **▶** menu button until the playback quality is at its best.

5 Press the **MENU** button. This setting will remain until you remove the cassette.

Note:

- * Some hired cassettes may have a poor picture/sound quality. This is not a fault in your set.

Cleaning function

When using your TV Combi for a longer period of time, the videoheads may become dirty. During playback horizontal lines appear on the screen, that will not disappear when using the function as described in the previous paragraph.

- 1 Press the **MENU** button. The main menu appears on the screen.
- 2 Select the 'SPECIAL' line and press the **OK** button
- 3 Select the 'CLEANING' line.
- 4 Press the **OK** button. A blue screen appears for a few seconds.
- 5 Wait until the blue screen disappears and press the **MENU** button.

How do I eliminate picture interference?

Every time a cassette is loaded the TV Combi will automatically set the correct tracking position. For recordings made on another set you may be able to improve on the automatic setting as follows:

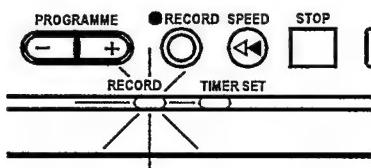
- 1 During playback press the **MENU** button on your remote control. The main menu appears on the TV screen.
- 2 Select 'SPECIAL' and confirm with the **OK** button.
- 3 Select 'TRACKING'.

6. HOW DO I RECORD DIRECTLY?

The easiest way to record is to directly record a TV programme that is currently being transmitted. And this is how to go about it:

- 1 Insert a cassette.
- 2 Use the **P+/-** button to select the programme number from which you wish to record, e.g.: '01'.
- 3 When you wish to start recording, press the **RECORD** button.

A red light on the front of the set indicates that a recording is in progress.



- 4 Use the **STOP ■** button to stop the recording.
- 5 If, whilst recording, you want to switch off the TV screen, press the **STANDBY** button once. To switch the TV screen on again, press the **P+/-** button.

Some general notes:

- * Programme number 'E1' is provided for recording from external sources (via the **EXTERNAL SCART** socket).
- * If you have forgotten to load a cassette, the warning 'NO CASSETTE CANNOT RECORD' will appear.
- * If, when you want to make a recording, you have accidentally loaded a cassette with erase protection, the cassette will be automatically ejected.
- * If the end of the cassette is reached during recording, the cassette will be automatically ejected. The set will then switch to standby after a few minutes.
- * When you make a new recording on a video cassette, it will automatically record over and delete any recordings already on the cassette.
- * Whilst a recording is being made you cannot switch to another TV channel.

Recording with OTR

If you do not want to record to the end of the cassette, you can change the end time of the recording in 30 minute intervals.

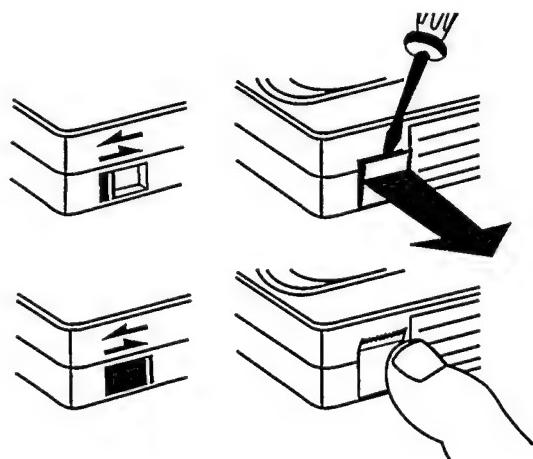
- 1 Whilst recording, press the **RECORD** button on your remote control. The display shows at what time the recording will stop.
- 2 With each subsequent press of the **◀** and **▶** menu buttons you can add 30 minutes to this time.
- 3 If you wish to cancel the end time, press the **CLEAR** button.

As soon as the end time is reached, the set will switch off automatically.

Erase protection

So that you don't accidentally delete an important recording, you can remove the special tab (erase protection) on the narrow side of the cassette with a screwdriver or slide the special tab to the left.

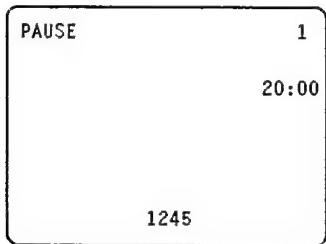
Later, if you no longer want the cassette to be erase protected, you can seal the gap again with adhesive tape or slide the special tab to the right.



Auto-assembling

You can use the auto-assembling function to join individual recordings without any annoying flickering between the recordings.

- ① Press the **▶** playback button. Search for the correct position on the tape and then stop the playback by pressing the **STOP ■** button. 'PAUSE' will appear in the display.



- ② Now start recording as usual by pressing the **● RECORD** button.

Long play function

You can reduce the recording speed by half. This makes it possible to record, for example, 8 hours instead of 4 hours on an 'E240' cassette.

- ① Before recording, press the **[MENU]** button. The main menu appears on the screen.
- ② Select the 'SPECIAL' line and confirm with the **[OK]** button.
- ③ Select the 'TAPE SPEED' line.
- ④ Select the 'LP' (=LongPlay) recording speed by pressing the **◀** and the **▶** menu buttons. Stop by pressing the **[MENU]** button. 'LP' will appear on the screen.
- ⑤ During playback the TV Combi will automatically select the correct playback speed.

Note:

* You will obtain the best picture quality by recording at the standard speed ('SP').

7. HOW DO I PROGRAMME A RECORDING?

In this chapter you will learn how to programme your set. It switches itself on automatically, records the TV programme you want and then automatically switches to standby.

What information does the set need?

The set needs the following information for every programmed recording:

- * the date on which the recording is to be made
- * the programme number for the TV channel
- * the start time of the recording
- * the stop time of the recording

If you use 'Programming with VIDEOplus+', you only need to enter the VIDEOplus+ code. All the information required by the TV Combi is contained encoded in this code.



The set stores all the information mentioned above in what is known as a TIMER block. And it does that for up to one month in advance.

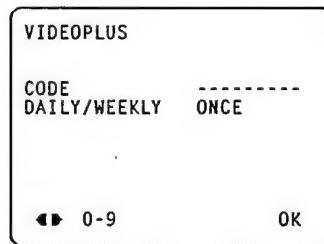
Your set can store up to 6 of these TIMER blocks. Please note that the timing of the TIMER blocks must not overlap. The TV Combi must first finish one TIMER block before starting the next block.

Programming with VIDEOplus+

With this method the programming will be as easy as dialing a telephone number. You only have to enter the 'VIDEOplus+ code' (3 to 9 digits) printed in your TV guide next to the start time of a TV programme. Make sure that a cassette without erase protection has been loaded.

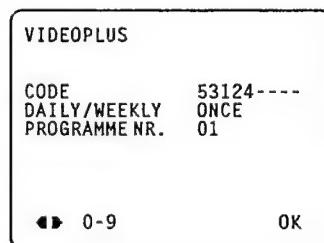


- 1 Press the **SV/+** button on the remote control.



- 2 Enter the entire 'VIDEOplus+ code' with the digit buttons **0-9**. This code (3 to 9 digits) is found next to the start time of a TV programme in your TV guide.

If you entered an incorrect code number, clear it with the **CLEAR** button.

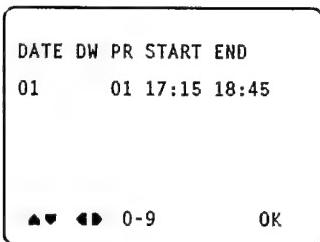


- 3 If you want to repeat programming at daily or weekly intervals, select the 'DAILY/WEEKLY' line pressing the **▲** and the **▼** buttons. 'Daily' programming can only be used for recordings to be made from Mondays to Fridays inclusive.

Note:

If you use VIDEOPlus+ for the first time, the 'PROGRAMME NR.' line appears when you enter the VIDEOPlus code. Enter the programme number for this particular TV programme. This number will be stored automatically.

* Do you want to use programme number 'E1' in order to record from an external source (e.g. satellite tuner)? Confirm the 'E1' programme number displayed in step ④ with the **OK** button. Press the **OK** button to confirm the data is correct.



- 5** If you wish to correct a TIMER-block, you can choose between setting the day, daily/weekly, programme number, start time and stop time with the **◀** or the **▶** button.
With the **▲** or the **▼** button or with the **0-9** digit buttons on your remote control you select the data.

- 6** Confirm with the **OK** button.

Programming is now complete.
The data has been stored in a TIMER block.

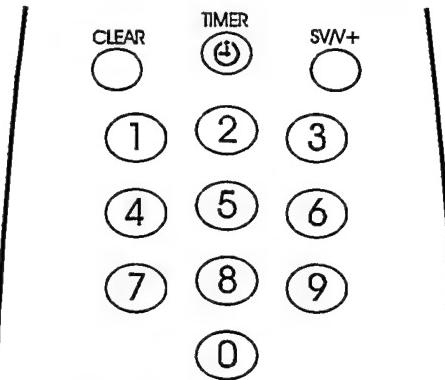
- 7** Switch off with the **STANDBY** button on the remote control.

TIMER Programming

You can enter and store data in the TV Combi for six recordings.

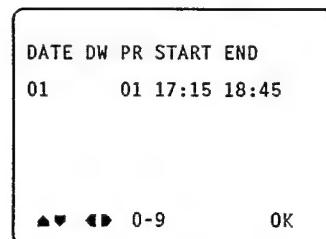
You must now enter, step by step, all the data necessary for the timed recording.

The TV screen will show all the data simultaneously.



- 1** Press the **TIMER** button on the remote control.

A free TIMER block will appear on the TV screen.



- With the **◀** or the **▶** menu button you choose between setting the date, daily/weekly, programme number, start time, stop time and VPS.
- With the **▼** or the **▲** button or with the **0-9** digit buttons you select the data.
- With the **▼** button you switch between 'D' (daily) and 'W' (weekly).

Please note:

* It is possible to programme a recording 31 days (one month) in advance.

If, for example, today is the 02nd of March and you programme the date as '01', the recording will be made on the 01st of April.

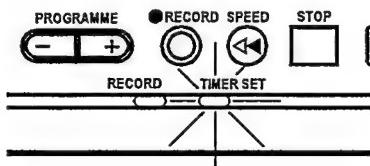
For a TV programme starting at midnight, i.e. at 00:00, enter the date of the **following** day as the recording date.

- If, when you want to make a recording, you have accidentally loaded a cassette with erase protection, the warning 'PROTECTED CASSETTE CANNOT RECORD' will appear. The cassette will be automatically ejected.
- When you make a new recording on a video cassette, it will automatically record over and delete any recordings already on the cassette.

2 Have you set all the data correctly? Now press the **TIMER** button on the remote control.

3 Switch off with the **STANDBY** button.

The TIMER lamp on the front of the set lights up when one or more of the TIMER blocks are occupied.



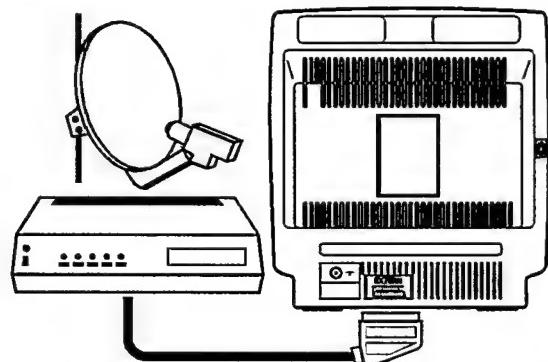
General programming notes

- During a TIMER recording you cannot switch to another TV channel.
- The programmed recording will always be made at the recording speed (SP/LP) that has already been selected on the TV Combi.
- TIMER recording will only function when the set is switched to standby with the **STANDBY** button. If the set is switched on before a programmed recording is due to take place, the TIMER lamp will flash before the start.
- Attention: If you have switched off with the power switch **①**, the TIMER record function **cannot** operate.
- If the end of the cassette is reached during a programmed recording, the set automatically ejects the cassette.
- Programme number 'E1' is provided for recording from external sources (via the **EXTERNAL** scart socket).
- If you have forgotten to load a cassette, the warning 'NO CASSETTE CANNOT RECORD' will appear.

How do I record from a satellite tuner?

You can also programme recordings from an external satellite tuner.

1 Connect the tuner to the **EXTERNAL** socket. Make sure that the tuner is switched on and that the correct SAT channel has been selected.



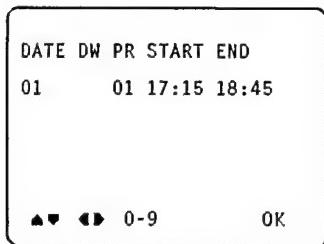
2 Use one of the available programming methods to programme a TIMER block. Use programme number 'E1' in the programming procedure for this external recording source.

Note:

* If you use 'VIDEOplus+ programming' for such an 'external' satellite TV programme, the TV Combi automatically selects 'E1'.

How do I check or correct a TIMER block?

- ① Press the **TIMER** button on the remote control. A survey of all the TIMER blocks will appear in chronological order on the TV screen.



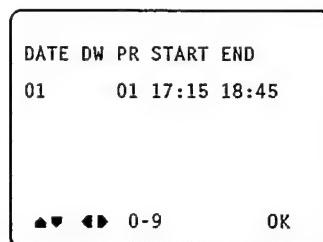
- ② Select a TIMER line with the **▲** or **▼** button. Confirm it with the **▶** button.
- ③ With the **◀** or the **▶** menu button you choose between setting the date, daily/weekly, programme number, start time and stop time. With the **▲** or the **▼** button or with the **0-9** digit buttons on your remote control you select the data.
- ④ Finally, press the **TIMER** button. If you have made any changes, the data in the set will now be up to date.

Note:

- * 'Daily' programming can only be used for recordings to be made from Mondays to Fridays inclusive.
- * With 'Daily/Weekly' programming, the first recording must take place within a week.

How do I clear a TIMER block or interrupt a TIMER recording?

- ① Press the **TIMER** button on the remote control. A survey of all the TIMER blocks will appear in chronological order on the TV screen.
- ② Select the TIMER line that you want to delete with the **▲** or **▼** button.



- ③ Press the **CLEAR** button. The TIMER block will be cleared.
- ④ Press the **TIMER** button.

8. SPECIAL FEATURES ON YOUR TV COMBI

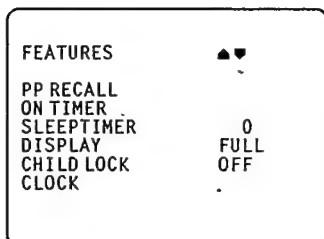
Apart from the functions that have already been described, your set has other special functions and extras designed to make the use of your set as convenient as possible.

In this chapter you will find out more about them.

On Screen Display (OSD)

This function displays the operating mode selected for your set on the TV screen.

- ① Press the **MENU** button. The main menu appears on the TV screen.
- ② Select the 'FEATURES' line and confirm it with the **OK** button.



- ③ Select the 'DISPLAY' line.
- ④ Select one of the options indicated. To do this, use the **◀** or **▶** menu button.
'FULL': OSD appears for a few seconds each time an operating mode is selected and then disappears.
'OFF': OSD is switched off.
'PROG': only the program number appears.
'COUNT': only the counter appears.
- ⑤ Confirm it with the **MENU** button.

Note:

* With the **OK** button you can superimpose the actual status of the set on the TV screen.

Personal Preset

You can make your personal picture and volume settings here. You can call up these setting and they will be used automatically when you switch the set on.

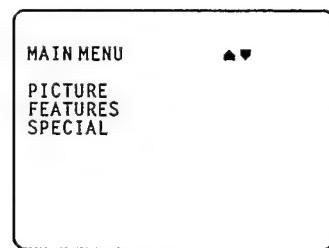
- ① Choose your personal setting. (see chapter 'The TV set functions'). Press the **◀** and **▶** menu buttons simultaneously. The Installation menu appears in the display.



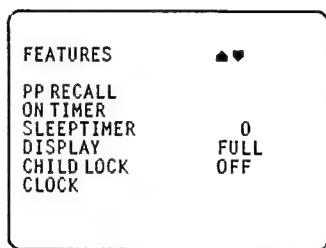
- ② Select the 'PP STORE' line using the **▲** or the **▼** button. Confirm with the **OK** button.
- ③ To end press the **MENU** button. The settings have been stored.

Calling up your Personal Preset

- ① Press the **MENU** button. The main menu appears in the display.



- 2** Select the 'FEATURES' line using the **▲** or the **▼** button. Confirm with the **OK** button.



- 3** Select the 'PP RECALL' line and confirm with the **OK** button.
4 Press the **MENU** button. The set will use these settings.

Switch set on function

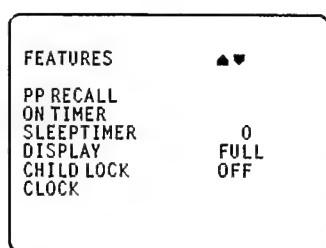
You can programme your set to switch on at a predetermined time.

- 1** Press the **MENU** button. The main menu appears on the TV screen.
- 2** Select 'FEATURES' line and confirm with the **OK** button.
- 3** Select 'ON TIMER' line and press the **OK** button.
- 4** Determine the time you wish the set to switch on. Press the **◀** or the **▶** menu button, or the **0-9** digit buttons on the remote control.
- 5** Select the 'WAKE UP' line and switch the 'on-timer' on or off with the **◀** or the **▶** menu button.
- 6** Press the **MENU** button.

Sleep function (switch off)

You can programme your set to switch off after a predetermined period. This functions in all operating modes except when the TV Combi is recording.

- 1** Press the **MENU** button. The main menu appears on the TV screen.
2 Select 'FEATURES' line and confirm with the **OK** button.
3 Select 'SLEEPSMARTER' line.



- 4** With the **◀** or the **▶** menu button you can determine the minutes left until switch off in 15 minutes intervals.
When you set the time to '0' with the **CLEAR** button the sleep function is switched off.
5 Press the **MENU** button.

Child lock

This function prevents the unauthorized operation of your TV Combi. All button functions are blocked. But don't worry: programmed recordings are made despite the child lock and cannot be interrupted.
Keep the remote control in a safe place.

- 1** Press the **MENU** button. The main menu appears on the TV screen.
- 2** Select the 'FEATURES' line and confirm with the **OK** button.
- 3** Select the 'CHILD LOCK' line.
- 4** With the **◀** or the **▶** menu button you can switch the childlock on or off.
- 5** Press the **MENU** button.
- 6** You can switch back in the same way.

Recording from another video appliance

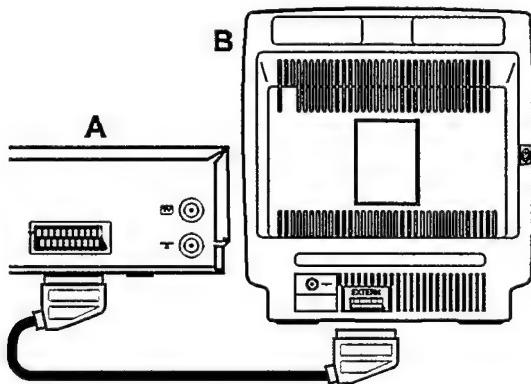
With this TV Combi you can record from an external source, e.g.: a second TV Combi or a camcorder. To do this you will need a scart cable for the 'EXTERNAL' input or a cinch cable for the 'Audio/Video' input at the front of the set.

- ① Connect this TV Combi to the appliance from which you want to record, e.g.: a second TV Combi.

Plug the scart cable into the scart socket on each appliance. This is the **EXTERNAL** socket on this TV Combi.

Note:

* In the following description, this TV Combi will be the one used for recording and will be referred to as VCR B. The other appliance will be used for playback and will be referred to as VCR A.



- ② Insert the recorded cassette into VCR A and a free cassette into VCR B.
- ③ Now select programme number 'E1' on VCR B for 'EXTERNAL'. This is found near to programme number '1' (1 - 'E1' - 'AV'). To do this, use the **P+/-** or **0-9** button.
- ④ To start recording, press the playback button **>** on VCR A and the recording button **● RECORD** on VCR B.
- ⑤ When you want to finish copying, press the stop button **STOP ■** on both appliances.

9. BEFORE YOU CALL AN ENGINEER

Problem

Possible cause

The set does not respond to any button being pressed

- * No power supply
- * A programmed recording is currently being made
- * Technical disturbance: disconnect from the mains for 30 seconds, then re-connect.
- * The power switch on the side panel is switched off
- * Child lock is active

Cassette jammed

- * Don't use force. Pull out the mains plug for a moment.

Remote control does not operate

- * Batteries are exhausted
- * Interference from fluorescent lights or bright sunlight

No playback on TV Combi

- * No recording on the cassette

No TV reception

- * The aerial is not connected
- * No TV channels have been stored

Poor playback from TV Combi

- * Use the 'TRACKING' function with cassettes recorded on another set
- * Cassette badly worn or of poor quality
- * Video heads dirty: Activate the head cleaning function.

No recording possible

- * TV channel not stored or wrongly selected
- * Cassette with erase protection has been loaded

Programmed recording does not function

- * Time data wrongly programmed
- * TIMER not set properly
- * A cassette with erase protection has been loaded

ENGLISH

10. NOTES

Precautions/Notes

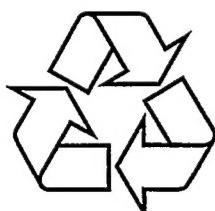
- The set should not be used immediately after transportation from a cold to a hot area or vice versa, or in conditions of extreme humidity. After unpacking the set, it should be allowed to acclimatize for at least three hours before installation.
- Do not use the set in dusty places, near strong magnetic fields or where it may be subject to vibration.
- We recommend disconnecting the appliance from both the mains and the aerial  during heavy thunderstorms.
- Do not put your fingers or any other foreign objects into the cassette slot as this could damage the mechanism. Particular care should be taken when children are present.
- This set employs the VHS cassette standard. Only use cassettes of a well-known brand which display the VHS symbol. We recommend that you use PHILIPS VHS video cassettes to ensure the best possible picture quality from your TV Combi.



- VIDEOplus+ and PlusCode are trademarks of Gemstar Development Corp.. VIDEOplus+ system is manufactured under licence from Gemstar Development Corporation.

VIDEO *plus+*

- These operating instructions have been printed on recycled paper. This is to help protect our environment. Used remote control batteries should not be thrown away with ordinary domestic refuse. Deposit old batteries at the relevant collection points. Please make use of the facilities available in your country for disposing of the packaging of the set in a way that helps to protect the environment. This electronic equipment contains many materials that can be recycled. Please inquire about the possibilities for recycling your old set.



Technical Data

- Mains voltage 220 to 240 V
- Mains frequency 48 - 52 Hz
- Power consumption typically 70 W (typically 10 W in standby)
- Wind/rewind time typically 170 sec. for E-180
- Ambient temperature during operation +10 °C to +35 °C
- Relative humidity 20% to 80%
- Position for use max. 15 ° inclination on all sides
- Dimensions 365 x 402 x 360 mm (incl. feet)
- Weight approx. 13 kg
- Video resolution VHS ≥240 lines
- Audio 80 Hz - 10 KHz (≤8 dB)
- Back-up power supply: TV channel storage - typically 1 year, Clock/Timer - typically 7 hours.
- This product complies with the requirements of the Directive 73/23/EEC + 89/336/EEC.

List of accessories

- Operating instructions
- Remote control and batteries
- Auxiliary aerial

In order to facilitate the identification of your set in case of theft, enter the serial number (SER.NR.) in the diagram. The serial number is printed on the type plate fixed at the rear of the set. All enquires can be handled more efficiently if accompanied by the identity card shown. This is provided for your reference and should be kept in a safe place.

TYPE	14PV162
VN xx	SER.NR.

INTERFERENCE:

The Department of Trade and Industry operates a Radio Investigation Service to help TV licence holders improve reception of BBC and FTC programmes where these are being spoilt by interference. If your dealer cannot help, ask at a Main Post Office for the booklet 'How to Improve Television and Radio Reception'.

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